

**Table 1. Incidence rates<sup>1</sup> of nonfatal occupational injuries and illnesses by selected industries and case types, 1999**

**Washington**

Industry <sup>2</sup>	SIC code <sup>3</sup>	1999 Annual average employment <sup>4</sup> (000's)	Injuries and Illnesses				Injuries			
			Total cases	Lost workday cases		Cases without lost work-days	Total cases	Lost workday cases		Cases without lost work-days
				Total <sup>5</sup>	With days away from work <sup>6</sup>			Total <sup>5</sup>	With days away from work <sup>6</sup>	
<b>All Industries including State and local government<sup>7</sup></b>		2,575.2	8.9	3.7	2.8	5.2	8.2	3.4	2.6	4.8
<b>Private Industry<sup>7</sup></b>		2,192.4	9.0	3.8	2.8	5.3	8.3	3.5	2.6	4.8
<b>Agriculture, forestry, and fishing<sup>7</sup></b>		89.7	11.3	4.1	3.5	7.2	10.6	4.0	3.5	6.6
Agricultural production <sup>7</sup>	01-02	59.8	10.1	4.1	3.7	6.0	9.7	4.0	3.6	5.7
Agricultural production-crops <sup>7</sup>	01	54.1	9.4	3.7	3.3	5.6	9.0	3.6	3.3	5.4
Agricultural production - livestock <sup>7</sup>	02	5.7	17.9	8.0	7.7	9.9	17.6	8.0	7.7	9.5
Agricultural services	07	24.9	13.3	4.0	3.2	9.2	11.7	3.8	3.1	7.9
<b>Mining<sup>8</sup></b>		3.2	5.7	3.4	2.5	2.3	5.3	3.2	2.3	2.1
<b>Construction</b>		143.4	15.0	6.7	5.7	8.3	14.5	6.6	5.6	7.9
General building contractors	15	39.1	15.8	5.9	4.7	10.0	15.3	5.8	4.6	9.5
Heavy construction, except building	16	19.0	12.9	5.9	4.9	7.0	12.5	5.7	4.8	6.9
Special trade contractors	17	85.4	15.2	7.3	6.3	7.9	14.7	7.2	6.2	7.5
<b>Manufacturing</b>		358.9	12.1	6.1	3.7	6.1	10.1	5.2	3.3	4.9
Durable goods		252.4	12.6	6.4	3.8	6.2	10.3	5.4	3.4	4.9
Lumber and wood products	24	33.1	18.7	8.6	6.3	10.1	17.8	8.2	6.1	9.6
Furniture and fixtures	25	4.6	17.4	8.4	6.6	9.0	17.0	8.2	6.4	8.8
Stone, clay, and glass products	32	8.6	15.6	6.3	4.8	9.3	15.3	6.1	4.6	9.1
Primary metal industries	33	11.6	13.3	7.8	3.9	5.5	12.6	7.5	3.8	5.1
Fabricated metal products	34	14.2	20.2	9.7	7.1	10.4	18.9	9.2	6.7	9.7
Industrial machinery and equipment	35	24.4	10.8	4.1	2.5	6.7	10.2	3.8	2.3	6.4
Electronic and other electric equipment	36	18.2	4.6	2.5	1.6	2.0	4.0	2.1	1.4	1.9
Transportation equipment	37	114.6	12.2	6.9	3.4	5.3	8.1	5.1	2.7	3.0
Instruments and related products	38	14.6	4.1	2.3	2.1	1.8	3.6	2.0	1.9	1.6
Miscellaneous manufacturing industries	39	8.5	10.4	4.5	2.1	5.9	9.4	4.3	2.0	5.1
Nondurable goods		106.5	10.9	5.2	3.4	5.8	9.7	4.7	3.1	5.0
Apparel and other textile products	23	7.1	5.9	2.6	2.1	3.3	5.3	2.2	1.8	3.1
Paper and allied products	26	15.8	9.2	5.3	2.9	4.0	8.2	5.0	2.8	3.2
Printing and publishing	27	23.5	6.0	3.3	2.6	2.7	5.3	3.0	2.4	2.3
Chemicals and allied products	28	6.0	5.2	1.7	1.4	3.5	4.4	1.6	1.4	2.8
Rubber and miscellaneous plastics products	30	10.0	14.7	5.4	3.8	9.3	14.3	5.0	3.6	9.3
<b>Transportation and public utilities<sup>8</sup></b>		132.8	9.6	4.7	4.0	4.9	9.0	4.5	3.9	4.5
Railroad transportation <sup>8</sup>	40	--	4.1	3.2	2.5	0.9	4.0	3.1	2.4	0.9
Trucking and warehousing	42	31.7	14.8	6.1	5.5	8.7	14.5	6.0	5.4	8.5
Water transportation	44	8.9	17.1	8.8	8.4	8.3	14.3	8.5	8.2	--
Transportation by air	45	26.4	12.4	7.8	6.4	4.6	11.8	7.5	6.0	4.3
Communications	48	31.5	3.6	1.5	1.2	2.1	3.0	1.3	1.1	1.7
Electric, gas, and sanitary services	49	15.7	7.1	3.6	2.8	3.5	6.7	3.4	2.7	3.3

See footnotes at end of table.

**Table 1. Incidence rates<sup>1</sup> of nonfatal occupational injuries and illnesses by selected industries and case types, 1999 -- Continued**

**Washington**

Industry <sup>2</sup>	SIC code <sup>3</sup>	1999 Annual average employment <sup>4</sup> (000's)	Injuries and Illnesses				Injuries			
			Total cases	Lost workday cases		Cases without lost work-days	Total cases	Lost workday cases		Cases without lost work-days
				Total <sup>5</sup>	With days away from work <sup>6</sup>			Total <sup>5</sup>	With days away from work <sup>6</sup>	
<b>Wholesale and retail trade</b>		621.7	8.9	3.3	2.4	5.6	8.6	3.1	2.3	5.4
Wholesale trade		149.2	9.2	4.5	3.2	4.7	8.8	4.3	3.1	4.5
Wholesale trade--durable goods	50	84.8	8.4	4.5	2.7	3.9	8.2	4.5	2.6	3.8
Wholesale trade--nondurable goods	51	64.4	10.3	4.5	3.9	5.8	9.7	4.2	3.7	5.5
Retail trade		472.5	8.8	2.7	2.1	6.0	8.4	2.6	2.0	5.8
Building materials and garden supplies	52	21.9	9.0	3.6	2.4	5.3	8.9	3.6	2.4	5.3
General merchandise stores	53	49.3	10.3	4.7	3.2	5.6	9.8	4.4	3.0	5.4
Food stores	54	69.5	10.3	3.0	2.0	7.3	9.6	2.7	1.7	6.8
Automotive dealers and service stations	55	48.0	8.0	2.8	2.2	5.3	8.0	2.7	2.1	5.3
Apparel and accessory stores	56	25.4	3.8	1.3	1.2	2.5	3.6	1.2	1.2	2.4
Furniture and homefurnishings stores	57	21.5	7.3	2.6	2.3	4.7	7.3	2.6	2.2	4.7
Eating and drinking places	58	176.0	10.2	2.5	2.3	7.7	10.0	2.4	2.3	7.5
Miscellaneous retail	59	60.9	5.1	1.5	0.9	3.6	4.9	1.4	0.8	3.5
<b>Finance, insurance, and real estate</b>		134.0	2.3	0.8	0.8	1.5	2.1	0.7	0.7	1.3
Real estate	65	33.6	5.9	1.9	1.8	4.0	5.8	1.9	1.7	3.9
<b>Services</b>		708.6	6.7	2.3	1.8	4.4	6.2	2.2	1.7	4.1
Hotels and other lodging places	70	28.2	11.7	4.2	3.3	7.4	11.3	4.0	3.1	7.3
Personal services	72	22.5	7.0	3.6	2.6	3.4	6.3	3.1	2.1	3.1
Business services	73	165.3	1.5	0.4	0.4	1.1	1.3	0.4	0.3	0.9
Auto repair, services, and parking	75	25.9	11.7	4.9	4.1	6.8	11.5	4.9	4.1	6.6
Miscellaneous repair services	76	7.6	11.5	3.7	2.7	7.8	11.4	3.7	2.7	7.7
Amusement and recreation services	79	40.8	11.1	3.2	3.1	7.9	10.4	3.0	2.9	7.4
Health services	80	184.1	10.7	3.5	2.5	7.2	9.8	3.2	2.2	6.6
Educational services	82	22.7	2.8	1.0	1.0	1.8	2.7	1.0	0.9	1.7
Social services	83	59.0	7.2	3.0	2.5	4.3	7.0	2.9	2.5	4.1
Membership organizations	86	24.5	5.9	1.9	1.3	4.0	5.6	1.9	1.3	3.8
Engineering and management services	87	64.0	2.1	0.6	0.5	1.4	1.8	0.6	0.4	1.3
<b>State and local government</b>		382.7	8.2	3.3	2.9	4.9	7.7	3.2	2.8	4.5
<b>State government</b>		116.9	6.6	2.7	2.6	4.0	6.0	2.6	2.5	3.4
<b>Services</b>		70.4	6.7	3.1	3.0	3.7	6.1	3.0	2.9	3.1
Educational services	82	53.6	4.5	1.2	1.2	3.3	4.2	1.2	1.1	3.0
<b>Public administration</b>		43.2	6.3	1.8	1.6	4.5	5.6	1.7	1.6	3.9
<b>Local government</b>		265.8	9.1	3.7	3.2	5.4	8.6	3.5	3.0	5.0

See footnotes at end of table.

**Table 1. Incidence rates<sup>1</sup> of nonfatal occupational injuries and illnesses by selected industries and case types, 1999 -- Continued**

**Washington**

Industry <sup>2</sup>	SIC code <sup>3</sup>	1999 Annual average employment <sup>4</sup> (000's)	Injuries and Illnesses				Injuries			
			Total cases	Lost workday cases		Cases without lost work-days	Total cases	Lost workday cases		Cases without lost work-days
				Total <sup>5</sup>	With days away from work <sup>6</sup>			Total <sup>5</sup>	With days away from work <sup>6</sup>	
<b>Services</b>		161.8	7.4	2.7	2.4	4.7	7.0	2.5	2.3	4.4
Educational services	82	143.1	6.1	2.3	2.1	3.8	5.8	2.2	2.0	3.7
<b>Public administration</b>		77.8	9.8	4.0	3.5	5.8	9.0	3.7	3.3	5.3

<sup>1</sup> Incidence rates represent the number of injuries and illnesses per 100 full-time workers and were calculated as: (N/EH) x 200,000 where

N = number of injuries and illnesses  
 EH = total hours worked by all employees during the calendar year  
 200,000 = base for 100 equivalent full-time workers (working 40 hours per week, 50 weeks per year).

<sup>2</sup> Totals include data for industries not shown separately.

<sup>3</sup> *Standard Industrial Classification Manual*, 1987 Edition.

<sup>4</sup> Employment is expressed as an annual average and is derived primarily from the BLS-State Covered Employment and Wages program.

<sup>5</sup> Total lost workday cases involve days away from work, or days of restricted work activity, or both.

<sup>6</sup> Days-away-from-work cases include those which result in days away from

work with or without restricted work activity.

<sup>7</sup> Excludes farms with fewer than 11 employees.

<sup>8</sup> Data conforming to OSHA definitions for mining operators in coal, metal, and nonmetal mining and for employers in railroad transportation are provided to BLS by the Mine Safety and Health Administration, U.S. Department of Labor; and the Federal Railroad Administration, U.S. Department of Transportation. Independent mining contractors are excluded from the coal, metal, and nonmetal mining industries.

<sup>9</sup> Incidence rate less than 0.05.

NOTE: Because of rounding, components may not add to totals.

-- Indicates data not available.

SOURCE: Bureau of Labor Statistics, U.S. Department of Labor, Survey of Occupational Injuries and Illnesses, in cooperation with participating State agencies.

**Table 2. Number of nonfatal occupational injuries and illnesses by selected industries and case types, 1999**

**Washington**

(In thousands)

Industry <sup>1</sup>	SIC code <sup>2</sup>	1999 Annual average employment <sup>3</sup> (000's)	Injuries and Illnesses				Injuries			
			Total cases	Lost workday cases		Cases without lost work-days	Total cases	Lost workday cases		Cases without lost work-days
				Total <sup>4</sup>	With days away from work <sup>5</sup>			Total <sup>4</sup>	With days away from work <sup>5</sup>	
<b>All Industries including State and local government<sup>6</sup></b>		2,575.2	178.0	73.9	55.7	104.0	163.7	68.6	52.4	95.0
<b>Private Industry<sup>6</sup></b>		2,192.4	154.1	64.2	47.1	89.9	141.4	59.4	44.2	82.1
<b>Agriculture, forestry, and fishing<sup>6</sup></b>		89.7	6.6	2.4	2.1	4.2	6.2	2.3	2.0	3.8
Agricultural production <sup>6</sup>	01-02	59.8	3.6	1.4	1.3	2.1	3.4	1.4	1.3	2.0
Agricultural production-crops <sup>6</sup>	01	54.1	3.0	1.2	1.1	1.8	2.9	1.2	1.0	1.7
Agricultural production - livestock <sup>6</sup>	02	5.7	0.5	0.2	0.2	0.3	0.5	0.2	0.2	0.3
Agricultural services	07	24.9	2.6	0.8	0.6	1.8	2.3	0.7	0.6	1.5
<b>Mining<sup>7</sup></b>		3.2	0.2	0.1	0.1	0.1	0.1	0.1	0.1	0.1
<b>Construction</b>		143.4	17.5	7.8	6.6	9.6	16.9	7.7	6.5	9.2
General building contractors	15	39.1	4.6	1.7	1.4	2.9	4.4	1.7	1.3	2.7
Heavy construction, except building	16	19.0	2.3	1.0	0.9	1.2	2.2	1.0	0.8	1.2
Special trade contractors	17	85.4	10.6	5.1	4.4	5.5	10.2	5.0	4.3	5.2
<b>Manufacturing</b>		358.9	42.2	21.1	12.7	21.1	35.3	18.2	11.5	17.1
Durable goods		252.4	31.5	16.1	9.4	15.4	25.8	13.6	8.4	12.2
Lumber and wood products	24	33.1	6.1	2.8	2.1	3.3	5.8	2.7	2.0	3.1
Furniture and fixtures	25	4.6	0.7	0.4	0.3	0.4	0.7	0.4	0.3	0.4
Stone, clay, and glass products	32	8.6	1.3	0.5	0.4	0.8	1.3	0.5	0.4	0.8
Primary metal industries	33	11.6	1.7	1.0	0.5	0.7	1.6	0.9	0.5	0.6
Fabricated metal products	34	14.2	2.8	1.4	1.0	1.5	2.6	1.3	0.9	1.4
Industrial machinery and equipment	35	24.4	2.6	1.0	0.6	1.6	2.4	0.9	0.6	1.5
Electronic and other electric equipment	36	18.2	0.8	0.4	0.3	0.4	0.7	0.4	0.3	0.3
Transportation equipment	37	114.6	14.0	8.0	3.9	6.1	9.3	5.9	3.1	3.4
Instruments and related products	38	14.6	0.6	0.3	0.3	0.3	0.5	0.3	0.3	0.2
Miscellaneous manufacturing industries	39	8.5	0.8	0.3	0.2	0.5	0.7	0.3	0.2	0.4
Nondurable goods		106.5	10.7	5.1	3.3	5.7	9.5	4.6	3.1	4.9
Apparel and other textile products	23	7.1	0.4	0.2	0.1	0.2	0.3	0.1	0.1	0.2
Paper and allied products	26	15.8	1.5	0.9	0.5	0.6	1.3	0.8	0.4	0.5
Printing and publishing	27	23.5	1.2	0.7	0.5	0.6	1.1	0.6	0.5	0.5
Chemicals and allied products	28	6.0	0.3	0.1	0.1	0.2	0.3	0.1	0.1	0.2
Rubber and miscellaneous plastics products	30	10.0	1.5	0.5	0.4	0.9	1.4	0.5	0.4	0.9
<b>Transportation and public utilities<sup>7</sup></b>		132.8	11.4	5.6	4.8	5.9	10.8	5.4	4.6	5.4
Railroad transportation <sup>7</sup>	40	--	0.2	0.1	0.1	( <sup>8</sup> )	0.2	0.1	0.1	( <sup>8</sup> )
Trucking and warehousing	42	31.7	4.1	1.7	1.5	2.4	4.1	1.7	1.5	2.4
Water transportation	44	8.9	1.4	0.7	0.7	0.7	1.2	0.7	0.7	--
Transportation by air	45	26.4	2.4	1.5	1.2	0.9	2.3	1.4	1.2	0.8
Communications	48	31.5	1.1	0.4	0.4	0.6	0.9	0.4	0.3	0.5
Electric, gas, and sanitary services	49	15.7	1.0	0.5	0.4	0.5	1.0	0.5	0.4	0.5

See footnotes at end of table.

**Table 2. Number of nonfatal occupational injuries and illnesses by selected industries and case types, 1999 -- Continued**

**Washington**

(In thousands)

Industry <sup>1</sup>	SIC code <sup>2</sup>	1999 Annual average employment <sup>3</sup> (000's)	Injuries and Illnesses				Injuries			
			Total cases	Lost workday cases		Cases without lost work-days	Total cases	Lost workday cases		Cases without lost work-days
				Total <sup>4</sup>	With days away from work <sup>5</sup>			Total <sup>4</sup>	With days away from work <sup>5</sup>	
<b>Wholesale and retail trade</b>		621.7	41.9	15.3	11.5	26.5	40.3	14.7	10.9	25.7
Wholesale trade		149.2	12.6	6.2	4.4	6.4	12.1	5.9	4.2	6.1
Wholesale trade--durable goods	50	84.8	6.8	3.6	2.1	3.2	6.6	3.6	2.1	3.0
Wholesale trade--nondurable goods	51	64.4	5.8	2.5	2.2	3.3	5.5	2.4	2.1	3.1
Retail trade		472.5	29.3	9.2	7.1	20.1	28.3	8.7	6.8	19.5
Building materials and garden supplies	52	21.9	1.8	0.7	0.5	1.1	1.8	0.7	0.5	1.1
General merchandise stores	53	49.3	3.9	1.8	1.2	2.1	3.7	1.7	1.1	2.0
Food stores	54	69.5	5.1	1.5	1.0	3.6	4.7	1.3	0.9	3.4
Automotive dealers and service stations	55	48.0	3.5	1.2	0.9	2.3	3.4	1.2	0.9	2.3
Apparel and accessory stores	56	25.4	0.7	0.2	0.2	0.5	0.7	0.2	0.2	0.4
Furniture and homefurnishings stores	57	21.5	1.3	0.5	0.4	0.8	1.3	0.4	0.4	0.8
Eating and drinking places	58	176.0	11.0	2.7	2.5	8.3	10.7	2.6	2.4	8.1
Miscellaneous retail	59	60.9	2.1	0.6	0.4	1.5	2.0	0.6	0.3	1.4
<b>Finance, insurance, and real estate</b>		134.0	2.6	0.9	0.9	1.7	2.4	0.8	0.8	1.5
Real estate	65	33.6	1.5	0.5	0.4	1.0	1.4	0.5	0.4	1.0
<b>Services</b>		708.6	31.7	10.9	8.5	20.8	29.5	10.2	7.8	19.3
Hotels and other lodging places	70	28.2	2.4	0.9	0.7	1.5	2.3	0.8	0.6	1.5
Personal services	72	22.5	1.1	0.6	0.4	0.6	1.0	0.5	0.3	0.5
Business services	73	165.3	1.4	0.3	0.3	1.0	1.2	0.3	0.3	0.9
Auto repair, services, and parking	75	25.9	2.6	1.1	0.9	1.5	2.5	1.1	0.9	1.4
Miscellaneous repair services	76	7.6	0.7	0.2	0.2	0.5	0.7	0.2	0.2	0.5
Amusement and recreation services	79	40.8	2.7	0.8	0.7	1.9	2.5	0.7	0.7	1.8
Health services	80	184.1	14.8	4.8	3.4	10.0	13.5	4.4	3.0	9.1
Educational services	82	22.7	0.4	0.1	0.1	0.2	0.4	0.1	0.1	0.2
Social services	83	59.0	3.3	1.3	1.1	1.9	3.2	1.3	1.1	1.8
Membership organizations	86	24.5	0.9	0.3	0.2	0.6	0.9	0.3	0.2	0.6
Engineering and management services	87	64.0	1.2	0.4	0.3	0.8	1.1	0.3	0.3	0.7
<b>State and local government</b>		382.7	23.9	9.7	8.6	14.2	22.2	9.3	8.2	13.0
<b>State government</b>		116.9	6.8	2.7	2.6	4.1	6.1	2.6	2.5	3.5
<b>Services</b>		70.4	4.0	1.8	1.8	2.2	3.6	1.8	1.7	1.9
Educational services	82	53.6	1.9	0.5	0.5	1.4	1.8	0.5	0.5	1.3
<b>Public administration</b>		43.2	2.5	0.7	0.7	1.8	2.2	0.7	0.6	1.5
<b>Local government</b>		265.8	17.1	7.0	5.9	10.1	16.1	6.6	5.6	9.5

See footnotes at end of table.

**Table 2. Number of nonfatal occupational injuries and illnesses by selected industries and case types, 1999 -- Continued**

**Washington**

(In thousands)

Industry <sup>1</sup>	SIC code <sup>2</sup>	1999 Annual average employment <sup>3</sup> (000's)	Injuries and Illnesses				Injuries			
			Total cases	Lost workday cases		Cases without lost work-days	Total cases	Lost workday cases		Cases without lost work-days
				Total <sup>4</sup>	With days away from work <sup>5</sup>			Total <sup>4</sup>	With days away from work <sup>5</sup>	
<b>Services</b>		161.8	7.3	2.7	2.4	4.7	7.0	2.5	2.3	4.4
Educational services	82	143.1	5.3	2.0	1.8	3.3	5.1	1.9	1.7	3.2
<b>Public administration</b>		77.8	6.4	2.6	2.3	3.8	5.8	2.4	2.1	3.4

<sup>1</sup> Totals include data for industries not shown separately.

<sup>2</sup> *Standard Industrial Classification Manual*, 1987 Edition.

<sup>3</sup> Employment is expressed as an annual average and is derived primarily from the BLS-State Covered Employment and Wages program.

<sup>4</sup> Total lost workday cases involve days away from work, or days of restricted work activity, or both.

<sup>5</sup> Days-away-from-work cases include those which result in days away from work with or without restricted work activity.

<sup>6</sup> Excludes farms with fewer than 11 employees.

<sup>7</sup> Data conforming to OSHA definitions for mining operators in coal, metal, and nonmetal mining and for employers in railroad transportation are provided to BLS by the Mine Safety and Health Administration, U.S. Department of Labor; and the

Federal Railroad Administration, U.S. Department of Transportation. Independent mining contractors are excluded from the coal, metal, and nonmetal mining industries.

<sup>8</sup> Fewer than 50 cases.

NOTE: Because of rounding, components may not add to totals.

-- Indicates data not available.

SOURCE: Bureau of Labor Statistics, U.S. Department of Labor, Survey of Occupational Injuries and Illnesses, in cooperation with participating State agencies.

**Table 3. Incidence rates<sup>1</sup> of nonfatal occupational injuries by industry division and employment size, 1999**

**Washington**

Industry division	All establishments	Establishment employment size (workers)				
		1 to 10	11 to 49	50 to 249	250 to 999	1,000 or more
All industries including State and local government <sup>2</sup>	8.2	--	--	10.2	7.5	6.9
Private industry <sup>2</sup>	8.3	5.8	8.6	10.3	7.2	6.8
Agriculture, forestry, and fishing <sup>2</sup>	10.6	9.0	10.7	12.2	--	--
Mining <sup>3</sup>	5.3	5.3	5.8	7.7	2.3	--
Construction	14.5	13.3	16.3	13.9	10.2	--
Manufacturing	10.1	9.4	12.8	13.6	--	--
Durable goods	10.3	12.3	15.3	14.9	--	--
Nondurable goods	9.7	2.1	7.9	11.6	9.6	7.1
Transportation and public utilities <sup>3</sup>	9.0	7.6	8.1	11.0	8.2	8.3
Wholesale and retail trade	8.6	4.9	8.6	10.2	6.7	10.0
Wholesale trade	8.8	4.8	8.5	11.1	--	--
Retail trade	8.4	4.9	8.6	9.8	--	--
Finance, insurance, and real estate	2.1	--	2.6	2.5	1.5	1.3
Services	6.2	4.2	4.4	8.6	6.4	6.2
State and local government	7.7	--	--	8.8	8.5	7.1
State government	6.0	--	--	3.5	11.1	5.5
Local government	8.6	--	--	--	8.0	8.2

<sup>1</sup> Incidence rates represent the number of injuries per 100 full-time workers and were calculated as:  $(N/EH) \times 200,000$  where

N = number of injuries  
EH = total hours worked by all employees during the calendar year  
200,000 = base for 100 equivalent full-time workers (working 40 hours per week, 50 weeks per year).

metal, and nonmetal mining and for employers in railroad transportation are provided to BLS by the Mine Safety and Health Administration, U.S. Department of Labor; and the Federal Railroad Administration, U.S. Department of Transportation. Independent mining contractors are excluded from the coal, metal, and nonmetal mining industries.

<sup>4</sup> Incidence rate less than 0.05.

-- Indicates data not available.

<sup>2</sup> Excludes farms with fewer than 11 employees.

<sup>3</sup> Data conforming to OSHA definitions for mining operators in coal,

SOURCE: Bureau of Labor Statistics, U.S. Department of Labor, Survey of Occupational Injuries and Illnesses, in cooperation with participating State agencies.

**Table 4. Number of nonfatal occupational illnesses by industry division and selected case types, 1999**

**Washington**

(In thousands)

Industry division	Total cases	Lost workday cases		Cases without lost workdays	Disorders associated with repeated trauma
		Total <sup>1</sup>	With days away from work <sup>2</sup>		
All industries including					
State and local government <sup>3</sup>	14.3	5.3	3.3	9.0	9.8
Private industry <sup>3</sup>	12.7	4.9	2.9	7.8	9.0
Agriculture, forestry, and fishing <sup>3</sup>	0.4	0.1	( <sup>5</sup> )	0.4	--
Mining <sup>4</sup>	( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )
Construction	0.6	0.1	0.1	0.4	0.3
Manufacturing	6.9	3.0	1.3	3.9	5.6
Durable goods	5.7	2.5	1.0	3.2	4.5
Nondurable goods	1.2	0.5	0.2	0.8	1.1
Transportation and public utilities <sup>4</sup>	0.7	0.2	0.2	0.5	0.4
Wholesale and retail trade	1.5	0.6	0.6	0.9	1.1
Wholesale trade	0.5	0.2	0.2	0.3	0.4
Retail trade	1.0	0.4	0.4	0.6	0.8
Finance, insurance, and real estate	0.2	0.1	0.1	0.1	0.2
Services	2.3	0.7	0.6	1.6	1.2
State and local government	1.6	0.4	0.4	1.2	0.8
State government	0.7	0.1	0.1	0.6	0.3
Local government	1.0	0.3	0.3	0.6	0.5

<sup>1</sup> Total lost workday cases involve days away from work, or days of restricted work activity, or both.

<sup>2</sup> Days-away-from-work cases include those which result in days away from work with or without restricted work activity.

<sup>3</sup> Excludes farms with fewer than 11 employees.

<sup>4</sup> Data conforming to OSHA definitions for mining operators in coal, metal, and nonmetal mining and for employers in railroad transportation are provided to BLS by the Mine Safety and Health Administration, U.S. Department of Labor; and the Federal Railroad Administration, U.S. Department of

Transportation. Independent mining contractors are excluded from the coal, metal, and nonmetal mining industries.

<sup>5</sup> Fewer than 50 cases.

NOTE: Because of rounding, components may not add to totals.

-- Indicates data not available.

SOURCE: Bureau of Labor Statistics, U.S. Department of Labor, Survey of Occupational Injuries and Illnesses, in cooperation with participating State agencies.



**Table 5. Incidence rates<sup>1</sup> of nonfatal occupational injuries and illnesses by industry division and selected case types, 1996-1999**

**Washington**

Industry division	Total cases				Lost workday cases								Cases without lost workdays			
					Total <sup>2</sup>				With days away from work <sup>3</sup>							
	1996	1997	1998	1999	1996	1997	1998	1999	1996	1997	1998	1999	1996	1997	1998	1999
All industries including																
State and local government <sup>4</sup>	10.0	9.6	9.2	8.9	3.8	4.0	3.9	3.7	3.0	3.2	2.9	2.8	6.2	5.6	5.3	5.2
Private industry <sup>4</sup>	10.3	9.8	9.5	9.0	3.9	4.1	4.0	3.8	3.1	3.2	2.9	2.8	6.4	5.7	5.5	5.3
Agriculture, forestry, and fishing <sup>4</sup>	12.2	11.2	12.9	11.3	4.5	5.1	4.5	4.1	4.1	4.4	3.7	3.5	7.7	6.1	8.3	7.2
Mining <sup>5</sup>	5.7	6.7	6.7	5.7	3.3	3.6	4.0	3.4	2.3	2.6	3.1	2.5	2.4	3.1	2.6	2.3
Construction	17.6	17.3	15.5	15.0	6.7	7.0	5.9	6.7	6.0	6.3	5.2	5.7	10.9	10.4	9.6	8.3
Manufacturing	13.2	13.5	13.2	12.1	5.6	6.3	6.3	6.1	3.7	4.2	3.7	3.7	7.6	7.2	6.9	6.1
Durable goods	13.5	13.5	13.8	12.6	5.6	6.5	6.5	6.4	3.5	4.3	3.6	3.8	7.9	7.0	7.3	6.2
Nondurable goods	12.5	13.6	11.7	10.9	5.7	5.7	5.6	5.2	4.0	4.1	3.9	3.4	6.9	7.9	6.0	5.8
Transportation and public utilities <sup>5</sup>	10.2	10.4	10.1	9.6	5.5	6.3	5.1	4.7	4.7	5.7	4.3	4.0	4.7	4.2	5.1	4.9
Wholesale and retail trade	10.4	9.4	9.6	8.9	3.5	3.2	3.7	3.3	2.8	2.6	2.8	2.4	7.0	6.2	5.9	5.6
Wholesale trade	10.0	9.6	9.3	9.2	4.6	4.0	4.1	4.5	3.7	3.2	3.2	3.2	5.4	5.6	5.2	4.7
Retail trade	10.6	9.3	9.8	8.8	3.0	2.8	3.6	2.7	2.4	2.3	2.7	2.1	7.6	6.5	6.2	6.0
Finance, insurance, and real estate	2.8	2.8	2.2	2.3	0.9	0.9	0.8	0.8	0.9	0.8	0.8	0.8	1.8	1.9	1.4	1.5
Services	8.1	7.1	6.2	6.7	2.8	2.8	2.5	2.3	2.3	2.0	1.8	1.8	5.3	4.3	3.8	4.4
State and local government	7.9	8.1	7.9	8.2	3.1	3.3	3.4	3.3	2.8	3.1	3.2	2.9	4.9	4.8	4.5	4.9
State government	6.2	5.1	5.3	6.6	2.4	2.9	2.3	2.7	2.1	2.7	2.1	2.6	3.8	2.3	3.0	4.0
Local government	9.1	9.7	9.4	9.1	3.5	3.6	4.1	3.7	3.2	3.3	3.9	3.2	5.6	6.1	5.3	5.4

<sup>1</sup> Incidence rates represent the number of injuries and illnesses per 100 full-time workers and were calculated as: (N/EH) x 200,000 where

N = number of injuries and illnesses  
EH = total hours worked by all employees during the calendar year.  
200,000 = base for 100 equivalent full-time workers  
(working 40 hours per week, 50 weeks per year).

<sup>2</sup> Total lost workday cases involve days away from work, or days of restricted work activity, or both.

<sup>3</sup> Days-away-from-work cases include those which result in days away from work with or without restricted work activity.

<sup>4</sup> Excludes farms with fewer than 11 employees.

<sup>5</sup> Data conforming to OSHA definitions for mining operators in coal, metal, and nonmetal mining

and for employees in railroad transportation are provided to BLS by the Mine Safety and Health Administration, U.S. Department of Labor; and the Federal Railroad Administration, U.S. Department of Transportation. Independent mining contractors are excluded from the coal, metal, and nonmetal mining industries.

<sup>6</sup> Incidence rate is less than 0.05.

NOTE: Because of rounding, components may not add to totals.

-- Indicates data not available.

SOURCE: Bureau of Labor Statistics, U.S. Department of Labor, Survey of Occupational Injuries and Illnesses, in cooperation with participating State agencies.

Table 6. Incidence rates<sup>1</sup> of nonfatal occupational injuries and illnesses by industry and selected case types, 1999

## Washington

Industry <sup>2</sup>	SIC code <sup>3</sup>	1999 Annual average employment <sup>4</sup> (000's)	Injuries and Illnesses				Injuries			
			Total cases	Lost workday cases		Cases without lost work-days	Total cases	Lost workday cases		Cases without lost work-days
				Total <sup>5</sup>	With days away from work <sup>6</sup>			Total <sup>5</sup>	With days away from work <sup>6</sup>	
<b>All Industries including State and local government<sup>7</sup></b>		2,575.2	8.9	3.7	2.8	5.2	8.2	3.4	2.6	4.8
<b>Private Industry<sup>7</sup></b>		2,192.4	9.0	3.8	2.8	5.3	8.3	3.5	2.6	4.8
<b>Agriculture, forestry, and fishing<sup>7</sup></b>		89.7	11.3	4.1	3.5	7.2	10.6	4.0	3.5	6.6
Agricultural production <sup>7</sup>	01-02	59.8	10.1	4.1	3.7	6.0	9.7	4.0	3.6	5.7
Agricultural production-crops <sup>7</sup>	01	54.1	9.4	3.7	3.3	5.6	9.0	3.6	3.3	5.4
Fruits and tree nuts <sup>7</sup>	017	34.1	9.1	3.9	3.6	5.2	8.6	3.8	3.6	4.8
Agricultural production - livestock <sup>7</sup>	02	5.7	17.9	8.0	7.7	9.9	17.6	8.0	7.7	9.5
Agricultural services	07	24.9	13.3	4.0	3.2	9.2	11.7	3.8	3.1	7.9
<b>Mining<sup>8</sup></b>		3.2	5.7	3.4	2.5	2.3	5.3	3.2	2.3	2.1
<b>Construction</b>		143.4	15.0	6.7	5.7	8.3	14.5	6.6	5.6	7.9
General building contractors	15	39.1	15.8	5.9	4.7	10.0	15.3	5.8	4.6	9.5
Residential building construction	152	21.3	18.2	8.1	6.9	10.1	18.1	8.1	6.8	10.0
Nonresidential building construction	154	17.0	13.8	3.9	2.7	9.9	12.8	3.9	2.7	8.9
Heavy construction, except building	16	19.0	12.9	5.9	4.9	7.0	12.5	5.7	4.8	6.9
Highway and street construction	161	5.8	17.2	8.3	7.7	8.9	16.7	8.2	7.6	8.5
Heavy construction, except highway	162	13.1	11.2	4.9	3.8	6.3	10.9	4.7	3.7	6.2
Special trade contractors	17	85.4	15.2	7.3	6.3	7.9	14.7	7.2	6.2	7.5
Plumbing, heating, air-conditioning	171	17.5	10.6	3.8	3.3	6.7	10.2	3.8	3.3	6.3
Painting and paper hanging	172	6.1	14.2	7.3	6.1	6.9	13.0	6.7	5.7	6.3
Electrical work	173	17.3	11.8	4.2	3.5	7.6	11.7	4.1	3.4	7.6
Masonry, stonework, and plastering	174	11.9	21.3	10.1	8.2	11.2	20.2	9.9	8.0	10.4
Carpentry and floor work	175	7.6	20.8	15.1	14.1	5.6	20.5	14.9	13.9	5.6
Roofing, siding, and sheet metal work	176	6.6	27.3	12.6	11.4	14.7	26.9	12.4	11.2	14.5
Concrete work	177	5.3	13.3	9.4	8.4	3.9	12.7	9.0	8.1	3.7
Miscellaneous special trade contractors	179	12.7	15.2	8.3	7.1	6.9	14.7	8.3	7.1	6.3
<b>Manufacturing</b>		358.9	12.1	6.1	3.7	6.1	10.1	5.2	3.3	4.9
Durable goods		252.4	12.6	6.4	3.8	6.2	10.3	5.4	3.4	4.9
Lumber and wood products	24	33.1	18.7	8.6	6.3	10.1	17.8	8.2	6.1	9.6
Logging	241	7.0	15.8	8.3	7.4	7.5	15.6	8.3	7.4	7.3
Sawmills and planing mills	242	12.9	19.1	9.9	7.7	9.3	17.9	9.3	7.3	8.7
Sawmills and planing mills, general	2421	11.5	19.4	9.6	7.4	9.8	18.2	9.1	7.0	9.1
Millwork, plywood and structural members	243	9.6	18.7	7.3	3.9	11.4	17.8	7.0	3.8	10.8
Millwork	2431	4.0	21.2	9.8	5.2	11.4	20.7	9.5	4.9	11.2
Furniture and fixtures	25	4.6	17.4	8.4	6.6	9.0	17.0	8.2	6.4	8.8
Stone, clay, and glass products	32	8.6	15.6	6.3	4.8	9.3	15.3	6.1	4.6	9.1
Primary metal industries	33	11.6	13.3	7.8	3.9	5.5	12.6	7.5	3.8	5.1
Primary nonferrous metals	333	5.9	14.9	9.1	2.6	5.8	14.0	8.6	2.4	5.4
Nonferrous rolling and drawing	335	2.4	9.2	5.3	4.0	3.9	9.1	5.2	4.0	3.9
Fabricated metal products	34	14.2	20.2	9.7	7.1	10.4	18.9	9.2	6.7	9.7
Fabricated structural metal products	344	7.2	26.8	12.9	9.1	13.9	25.3	12.0	8.7	13.3
Industrial machinery and equipment	35	24.4	10.8	4.1	2.5	6.7	10.2	3.8	2.3	6.4
Special industry machinery	355	4.0	12.1	4.6	2.7	7.5	11.8	4.4	2.5	7.3
Industrial machinery, n.e.c.	359	4.9	16.5	4.0	3.5	12.6	16.1	3.7	3.2	12.4

See footnotes at end of table.

Table 6. Incidence rates<sup>1</sup> of nonfatal occupational injuries and illnesses by industry and selected case types, 1999 -- Continued

## Washington

Industry <sup>2</sup>	SIC code <sup>3</sup>	1999 Annual average employment <sup>4</sup> (000's)	Injuries and Illnesses				Injuries			
			Total cases	Lost workday cases		Cases without lost work-days	Total cases	Lost workday cases		Cases without lost work-days
				Total <sup>5</sup>	With days away from work <sup>6</sup>			Total <sup>5</sup>	With days away from work <sup>6</sup>	
Electronic and other electric equipment	36	18.2	4.6	2.5	1.6	2.0	4.0	2.1	1.4	1.9
Electronic components and accessories	367	8.7	3.2	1.9	1.0	1.2	2.4	1.5	0.9	0.9
Transportation equipment	37	114.6	12.2	6.9	3.4	5.3	8.1	5.1	2.7	3.0
Motor vehicles and equipment	371	6.3	10.2	5.7	1.9	4.5	9.4	5.2	1.8	4.3
Aircraft and parts	372	--	11.9	6.9	3.2	5.0	7.3	4.9	2.5	2.4
Aircraft	3721	--	12.0	7.1	3.2	4.9	7.1	5.0	2.4	2.1
Ship and boat building and repairing	373	7.1	21.3	10.2	7.6	11.1	20.0	9.4	7.1	10.6
Ship building and repairing	3731	2.8	22.6	16.4	10.6	6.3	21.7	15.4	10.1	6.3
Boat building and repairing	3732	4.3	20.5	6.6	--	13.9	19.0	5.8	--	13.2
Instruments and related products	38	14.6	4.1	2.3	2.1	1.8	3.6	2.0	1.9	1.6
Measuring and controlling devices	382	5.5	2.8	1.8	1.6	1.0	1.8	1.3	1.2	0.5
Medical instruments and supplies	384	5.8	4.1	1.5	1.3	2.6	3.7	1.4	1.3	2.3
Miscellaneous manufacturing industries	39	8.5	10.4	4.5	2.1	5.9	9.4	4.3	2.0	5.1
Toys and sporting goods	394	5.9	10.3	4.6	1.7	5.7	9.1	4.3	1.5	4.8
Sporting and athletic goods, n.e.c.	3949	4.0	11.6	5.1	1.7	6.5	10.4	4.7	1.4	5.7
<b>Nondurable goods</b>		106.5	10.9	5.2	3.4	5.8	9.7	4.7	3.1	5.0
Preserved fruits and vegetables	203	13.9	15.3	6.8	4.2	8.5	14.5	6.5	4.0	8.0
Bakery products	205	3.5	13.0	6.7	3.2	6.3	9.7	6.0	3.1	3.7
Beverages	208	3.2	14.5	5.9	3.5	8.7	11.7	5.6	3.2	6.1
Apparel and other textile products	23	7.1	5.9	2.6	2.1	3.3	5.3	2.2	1.8	3.1
Paper and allied products	26	15.8	9.2	5.3	2.9	4.0	8.2	5.0	2.8	3.2
Paper mills	262	7.7	7.7	4.2	2.9	3.6	6.3	3.8	2.6	2.5
Paperboard containers and boxes	265	2.8	12.8	6.3	4.2	6.4	11.7	6.2	4.0	5.5
Printing and publishing	27	23.5	6.0	3.3	2.6	2.7	5.3	3.0	2.4	2.3
Newspapers	271	10.1	7.9	4.4	3.8	3.5	6.5	4.0	3.4	2.5
Commercial printing	275	7.5	6.0	3.2	2.6	2.9	5.6	3.0	2.5	2.7
Commercial printing, lithographic	2752	5.1	6.5	3.5	3.0	3.0	6.3	3.5	3.0	2.7
Chemicals and allied products	28	6.0	5.2	1.7	1.4	3.5	4.4	1.6	1.4	2.8
Rubber and miscellaneous plastics products	30	10.0	14.7	5.4	3.8	9.3	14.3	5.0	3.6	9.3
Miscellaneous plastics products, n.e.c.	308	9.4	15.5	5.7	4.0	9.7	15.0	5.3	3.8	9.7
<b>Transportation and public utilities<sup>8</sup></b>		132.8	9.6	4.7	4.0	4.9	9.0	4.5	3.9	4.5
Railroad transportation <sup>8</sup>	40	--	4.1	3.2	2.5	0.9	4.0	3.1	2.4	0.9
Trucking and warehousing	42	31.7	14.8	6.1	5.5	8.7	14.5	6.0	5.4	8.5
Trucking and courier services, except air	421	27.1	15.4	6.1	5.6	9.3	15.1	6.0	5.5	9.1
Water transportation	44	8.9	17.1	8.8	8.4	8.3	14.3	8.5	8.2	--
Transportation by air	45	26.4	12.4	7.8	6.4	4.6	11.8	7.5	6.0	4.3
Communications	48	31.5	3.6	1.5	1.2	2.1	3.0	1.3	1.1	1.7
Telephone communications	481	22.6	3.3	1.4	1.2	1.9	2.6	1.1	1.0	1.5
Electric, gas, and sanitary services	49	15.7	7.1	3.6	2.8	3.5	6.7	3.4	2.7	3.3
Electric services	491	2.9	9.4	6.7	5.0	2.7	8.7	6.3	4.9	2.4
Sanitary services	495	9.5	6.4	2.8	2.2	3.5	6.1	2.8	2.2	3.2
<b>Wholesale and retail trade</b>		621.7	8.9	3.3	2.4	5.6	8.6	3.1	2.3	5.4
Wholesale trade		149.2	9.2	4.5	3.2	4.7	8.8	4.3	3.1	4.5
Wholesale trade--durable goods	50	84.8	8.4	4.5	2.7	3.9	8.2	4.5	2.6	3.8
Motor vehicles, parts, and supplies	501	9.1	9.6	3.7	3.1	5.9	8.9	3.6	3.0	5.4

See footnotes at end of table.

**Table 6. Incidence rates<sup>1</sup> of nonfatal occupational injuries and illnesses by industry and selected case types, 1999 -- Continued**

**Washington**

Industry <sup>2</sup>	SIC code <sup>3</sup>	1999 Annual average employment <sup>4</sup> (000's)	Injuries and Illnesses				Injuries			
			Total cases	Lost workday cases		Cases without lost work-days	Total cases	Lost workday cases		Cases without lost work-days
				Total <sup>5</sup>	With days away from work <sup>6</sup>			Total <sup>5</sup>	With days away from work <sup>6</sup>	
Machinery, equipment, and supplies	508	18.3	9.0	3.6	2.4	5.3	8.6	3.6	2.3	5.1
Miscellaneous durable goods	509	6.2	10.6	5.4	5.1	5.2	10.4	5.4	5.1	5.0
Wholesale trade--nondurable goods	51	64.4	10.3	4.5	3.9	5.8	9.7	4.2	3.7	5.5
Groceries and related products	514	28.6	13.2	6.6	5.7	6.6	12.5	6.2	5.5	6.3
Retail trade		472.5	8.8	2.7	2.1	6.0	8.4	2.6	2.0	5.8
Building materials and garden supplies	52	21.9	9.0	3.6	2.4	5.3	8.9	3.6	2.4	5.3
Lumber and other building materials	521	13.5	10.1	4.4	2.9	5.7	10.0	4.4	2.9	5.7
General merchandise stores	53	49.3	10.3	4.7	3.2	5.6	9.8	4.4	3.0	5.4
Department stores	531	45.4	10.4	4.8	3.3	5.6	9.9	4.5	3.0	5.4
Food stores	54	69.5	10.3	3.0	2.0	7.3	9.6	2.7	1.7	6.8
Grocery stores	541	61.4	10.8	3.2	2.1	7.6	10.1	2.9	1.8	7.2
Automotive dealers and service stations	55	48.0	8.0	2.8	2.2	5.3	8.0	2.7	2.1	5.3
New and used car dealers	551	21.6	6.3	1.8	1.6	4.4	6.1	1.7	1.4	4.4
Auto and home supply stores	553	9.5	14.2	4.5	3.5	9.7	14.1	4.5	3.5	9.6
Gasoline service stations	554	11.3	7.4	2.9	1.8	4.5	7.4	2.9	1.8	4.5
Apparel and accessory stores	56	25.4	3.8	1.3	1.2	2.5	3.6	1.2	1.2	2.4
Furniture and homefurnishings stores	57	21.5	7.3	2.6	2.3	4.7	7.3	2.6	2.2	4.7
Eating and drinking places	58	176.0	10.2	2.5	2.3	7.7	10.0	2.4	2.3	7.5
Miscellaneous retail	59	60.9	5.1	1.5	0.9	3.6	4.9	1.4	0.8	3.5
<b>Finance, insurance, and real estate</b>		134.0	2.3	0.8	0.8	1.5	2.1	0.7	0.7	1.3
Real estate	65	33.6	5.9	1.9	1.8	4.0	5.8	1.9	1.7	3.9
<b>Services</b>		708.6	6.7	2.3	1.8	4.4	6.2	2.2	1.7	4.1
Hotels and other lodging places	70	28.2	11.7	4.2	3.3	7.4	11.3	4.0	3.1	7.3
Personal services	72	22.5	7.0	3.6	2.6	3.4	6.3	3.1	2.1	3.1
Business services	73	165.3	1.5	0.4	0.4	1.1	1.3	0.4	0.3	0.9
Auto repair, services, and parking	75	25.9	11.7	4.9	4.1	6.8	11.5	4.9	4.1	6.6
Automotive repair shops	753	15.2	12.2	5.0	4.8	7.2	11.9	5.0	4.8	6.8
Miscellaneous repair services	76	7.6	11.5	3.7	2.7	7.8	11.4	3.7	2.7	7.7
Amusement and recreation services	79	40.8	11.1	3.2	3.1	7.9	10.4	3.0	2.9	7.4
Health services	80	184.1	10.7	3.5	2.5	7.2	9.8	3.2	2.2	6.6
Nursing and personal care facilities	805	32.6	23.6	8.8	5.2	14.8	23.3	8.6	5.0	14.7
Hospitals	806	58.0	11.5	3.4	2.9	8.0	10.6	3.3	2.7	7.3
Educational services	82	22.7	2.8	1.0	1.0	1.8	2.7	1.0	0.9	1.7
Social services	83	59.0	7.2	3.0	2.5	4.3	7.0	2.9	2.5	4.1
Membership organizations	86	24.5	5.9	1.9	1.3	4.0	5.6	1.9	1.3	3.8
Engineering and management services	87	64.0	2.1	0.6	0.5	1.4	1.8	0.6	0.4	1.3
<b>State and local government</b>		382.7	8.2	3.3	2.9	4.9	7.7	3.2	2.8	4.5
<b>State government</b>		116.9	6.6	2.7	2.6	4.0	6.0	2.6	2.5	3.4
<b>Services</b>		70.4	6.7	3.1	3.0	3.7	6.1	3.0	2.9	3.1
Educational services	82	53.6	4.5	1.2	1.2	3.3	4.2	1.2	1.1	3.0

See footnotes at end of table.

**Table 6. Incidence rates<sup>1</sup> of nonfatal occupational injuries and illnesses by industry and selected case types, 1999 -- Continued**

**Washington**

Industry <sup>2</sup>	SIC code <sup>3</sup>	1999 Annual average employment <sup>4</sup> (000's)	Injuries and Illnesses				Injuries			
			Total cases	Lost workday cases		Cases without lost work-days	Total cases	Lost workday cases		Cases without lost work-days
				Total <sup>5</sup>	With days away from work <sup>6</sup>			Total <sup>5</sup>	With days away from work <sup>6</sup>	
<b>Public administration</b>		43.2	6.3	1.8	1.6	4.5	5.6	1.7	1.6	3.9
<b>Local government</b>		265.8	9.1	3.7	3.2	5.4	8.6	3.5	3.0	5.0
<b>Services</b>		161.8	7.4	2.7	2.4	4.7	7.0	2.5	2.3	4.4
Educational services	82	143.1	6.1	2.3	2.1	3.8	5.8	2.2	2.0	3.7
<b>Public administration</b>		77.8	9.8	4.0	3.5	5.8	9.0	3.7	3.3	5.3

<sup>1</sup> Incidence rates represent the number of injuries and illnesses per 100 full-time workers and were calculated as: (N/EH) x 200,000 where

N = number of injuries and illnesses  
EH = total hours worked by all employees during the calendar year  
200,000 = base for 100 equivalent full-time workers (working 40 hours per week, 50 weeks per year).

<sup>2</sup> Totals include data for industries not shown separately.

<sup>3</sup> *Standard Industrial Classification Manual*, 1987 Edition.

<sup>4</sup> Employment is expressed as an annual average and is derived primarily from the BLS-State Covered Employment and Wages program.

<sup>5</sup> Total lost workday cases involve days away from work, or days of restricted work activity, or both.

<sup>6</sup> Days-away-from-work cases include those which result in days away from work with or without restricted work activity.

<sup>7</sup> Excludes farms with fewer than 11 employees.

<sup>8</sup> Data conforming to OSHA definitions for mining operators in coal, metal, and nonmetal mining and for employers in railroad transportation are provided to BLS by the Mine Safety and Health Administration, U.S. Department of Labor; and the Federal Railroad Administration, U.S. Department of Transportation. Independent mining contractors are excluded from the coal, metal, and nonmetal mining industries.

<sup>9</sup> Incidence rate less than 0.05.

NOTE: Because of rounding, components may not add to totals.

n.e.c. = not elsewhere classified.

-- Indicates data not available.

SOURCE: Bureau of Labor Statistics, U.S. Department of Labor, Survey of Occupational Injuries and Illnesses, in cooperation with participating State agencies.

**Table 7. Number of nonfatal occupational injuries and illnesses by industry and selected case types, 1999**

**Washington**

(In thousands)

Industry <sup>1</sup>	SIC code <sup>2</sup>	1999 Annual average employment <sup>3</sup> (000's)	Injuries and Illnesses				Injuries			
			Total cases	Lost workday cases		Cases without lost work-days	Total cases	Lost workday cases		Cases without lost work-days
				Total <sup>4</sup>	With days away from work <sup>5</sup>			Total <sup>4</sup>	With days away from work <sup>5</sup>	
<b>All Industries including State and local government<sup>6</sup></b>		2,575.2	178.0	73.9	55.7	104.0	163.7	68.6	52.4	95.0
<b>Private Industry<sup>6</sup></b>		2,192.4	154.1	64.2	47.1	89.9	141.4	59.4	44.2	82.1
<b>Agriculture, forestry, and fishing<sup>6</sup></b>		89.7	6.6	2.4	2.1	4.2	6.2	2.3	2.0	3.8
Agricultural production <sup>6</sup>	01-02	59.8	3.6	1.4	1.3	2.1	3.4	1.4	1.3	2.0
Agricultural production-crops <sup>6</sup>	01	54.1	3.0	1.2	1.1	1.8	2.9	1.2	1.0	1.7
Fruits and tree nuts <sup>6</sup>	017	34.1	1.7	0.7	0.7	1.0	1.6	0.7	0.7	0.9
Agricultural production - livestock <sup>6</sup>	02	5.7	0.5	0.2	0.2	0.3	0.5	0.2	0.2	0.3
Agricultural services	07	24.9	2.6	0.8	0.6	1.8	2.3	0.7	0.6	1.5
<b>Mining<sup>7</sup></b>		3.2	0.2	0.1	0.1	0.1	0.1	0.1	0.1	0.1
<b>Construction</b>		143.4	17.5	7.8	6.6	9.6	16.9	7.7	6.5	9.2
General building contractors	15	39.1	4.6	1.7	1.4	2.9	4.4	1.7	1.3	2.7
Residential building construction	152	21.3	2.5	1.1	0.9	1.4	2.5	1.1	0.9	1.4
Nonresidential building construction	154	17.0	2.1	0.6	0.4	1.5	2.0	0.6	0.4	1.4
Heavy construction, except building	16	19.0	2.3	1.0	0.9	1.2	2.2	1.0	0.8	1.2
Highway and street construction	161	5.8	0.9	0.4	0.4	0.4	0.8	0.4	0.4	0.4
Heavy construction, except highway	162	13.1	1.4	0.6	0.5	0.8	1.4	0.6	0.5	0.8
Special trade contractors	17	85.4	10.6	5.1	4.4	5.5	10.2	5.0	4.3	5.2
Plumbing, heating, air-conditioning	171	17.5	1.4	0.5	0.4	0.9	1.4	0.5	0.4	0.8
Painting and paper hanging	172	6.1	0.7	0.4	0.3	0.3	0.6	0.3	0.3	0.3
Electrical work	173	17.3	2.2	0.8	0.7	1.4	2.1	0.8	0.6	1.4
Masonry, stonework, and plastering	174	11.9	1.9	0.9	0.7	1.0	1.8	0.9	0.7	0.9
Carpentry and floor work	175	7.6	0.9	0.6	0.6	0.2	0.9	0.6	0.6	0.2
Roofing, siding, and sheet metal work	176	6.6	1.3	0.6	0.5	0.7	1.2	0.6	0.5	0.7
Concrete work	177	5.3	0.6	0.4	0.4	0.2	0.6	0.4	0.4	0.2
Miscellaneous special trade contractors	179	12.7	1.7	0.9	0.8	0.8	1.7	0.9	0.8	0.7
<b>Manufacturing</b>		358.9	42.2	21.1	12.7	21.1	35.3	18.2	11.5	17.1
Durable goods		252.4	31.5	16.1	9.4	15.4	25.8	13.6	8.4	12.2
Lumber and wood products	24	33.1	6.1	2.8	2.1	3.3	5.8	2.7	2.0	3.1
Logging	241	7.0	1.0	0.5	0.5	0.5	1.0	0.5	0.5	0.5
Sawmills and planing mills	242	12.9	2.6	1.3	1.0	1.3	2.4	1.3	1.0	1.2
Sawmills and planing mills, general	2421	11.5	2.3	1.2	0.9	1.2	2.2	1.1	0.8	1.1
Millwork, plywood and structural members	243	9.6	1.8	0.7	0.4	1.1	1.7	0.7	0.4	1.0
Millwork	2431	4.0	0.8	0.4	0.2	0.4	0.8	0.4	0.2	0.4
Furniture and fixtures	25	4.6	0.7	0.4	0.3	0.4	0.7	0.4	0.3	0.4
Stone, clay, and glass products	32	8.6	1.3	0.5	0.4	0.8	1.3	0.5	0.4	0.8
Primary metal industries	33	11.6	1.7	1.0	0.5	0.7	1.6	0.9	0.5	0.6
Primary nonferrous metals	333	5.9	0.9	0.6	0.2	0.4	0.9	0.5	0.2	0.3
Nonferrous rolling and drawing	335	2.4	0.3	0.1	0.1	0.1	0.3	0.1	0.1	0.1
Fabricated metal products	34	14.2	2.8	1.4	1.0	1.5	2.6	1.3	0.9	1.4
Fabricated structural metal products	344	7.2	1.9	0.9	0.6	1.0	1.8	0.8	0.6	0.9
Industrial machinery and equipment	35	24.4	2.6	1.0	0.6	1.6	2.4	0.9	0.6	1.5
Special industry machinery	355	4.0	0.5	0.2	0.1	0.3	0.5	0.2	0.1	0.3
Industrial machinery, n.e.c.	359	4.9	0.8	0.2	0.2	0.6	0.8	0.2	0.2	0.6

See footnotes at end of table.

**Table 7. Number of nonfatal occupational injuries and illnesses by industry and selected case types, 1999 -- Continued**

**Washington**

(In thousands)

Industry <sup>1</sup>	SIC code <sup>2</sup>	1999 Annual average employment <sup>3</sup> (000's)	Injuries and Illnesses				Injuries			
			Total cases	Lost workday cases		Cases without lost work-days	Total cases	Lost workday cases		Cases without lost work-days
				Total <sup>4</sup>	With days away from work <sup>5</sup>			Total <sup>4</sup>	With days away from work <sup>5</sup>	
Electronic and other electric equipment	36	18.2	0.8	0.4	0.3	0.4	0.7	0.4	0.3	0.3
Electronic components and accessories	367	8.7	0.3	0.2	0.1	0.1	0.2	0.1	0.1	0.1
Transportation equipment	37	114.6	14.0	8.0	3.9	6.1	9.3	5.9	3.1	3.4
Motor vehicles and equipment	371	6.3	0.6	0.4	0.1	0.3	0.6	0.3	0.1	0.3
Aircraft and parts	372	--	11.8	6.8	3.2	4.9	7.2	4.9	2.4	2.4
Aircraft	3721	--	10.6	6.3	2.8	4.3	6.3	4.5	2.1	1.8
Ship and boat building and repairing	373	7.1	1.5	0.7	0.5	0.8	1.4	0.7	0.5	0.7
Ship building and repairing	3731	2.8	0.6	0.4	0.3	0.2	0.6	0.4	0.3	0.2
Boat building and repairing	3732	4.3	0.9	0.3	--	0.6	0.8	0.3	--	0.6
Instruments and related products	38	14.6	0.6	0.3	0.3	0.3	0.5	0.3	0.3	0.2
Measuring and controlling devices	382	5.5	0.2	0.1	0.1	0.1	0.1	0.1	0.1	( <sup>8</sup> )
Medical instruments and supplies	384	5.8	0.2	0.1	0.1	0.1	0.2	0.1	0.1	0.1
Miscellaneous manufacturing industries	39	8.5	0.8	0.3	0.2	0.5	0.7	0.3	0.2	0.4
Toys and sporting goods	394	5.9	0.6	0.3	0.1	0.3	0.5	0.2	0.1	0.3
Sporting and athletic goods, n.e.c.	3949	4.0	0.5	0.2	0.1	0.3	0.4	0.2	0.1	0.2
<b>Nondurable goods</b>		106.5	10.7	5.1	3.3	5.7	9.5	4.6	3.1	4.9
Preserved fruits and vegetables	203	13.9	2.1	0.9	0.6	1.1	2.0	0.9	0.5	1.1
Bakery products	205	3.5	0.4	0.2	0.1	0.2	0.3	0.2	0.1	0.1
Beverages	208	3.2	0.4	0.2	0.1	0.3	0.3	0.2	0.1	0.2
Apparel and other textile products	23	7.1	0.4	0.2	0.1	0.2	0.3	0.1	0.1	0.2
Paper and allied products	26	15.8	1.5	0.9	0.5	0.6	1.3	0.8	0.4	0.5
Paper mills	262	7.7	0.6	0.3	0.2	0.3	0.5	0.3	0.2	0.2
Paperboard containers and boxes	265	2.8	0.4	0.2	0.1	0.2	0.3	0.2	0.1	0.2
Printing and publishing	27	23.5	1.2	0.7	0.5	0.6	1.1	0.6	0.5	0.5
Newspapers	271	10.1	0.6	0.4	0.3	0.3	0.5	0.3	0.3	0.2
Commercial printing	275	7.5	0.4	0.2	0.2	0.2	0.4	0.2	0.2	0.2
Commercial printing, lithographic	2752	5.1	0.3	0.2	0.1	0.1	0.3	0.2	0.1	0.1
Chemicals and allied products	28	6.0	0.3	0.1	0.1	0.2	0.3	0.1	0.1	0.2
Rubber and miscellaneous plastics products	30	10.0	1.5	0.5	0.4	0.9	1.4	0.5	0.4	0.9
Miscellaneous plastics products, n.e.c.	308	9.4	1.5	0.5	0.4	0.9	1.4	0.5	0.4	0.9
<b>Transportation and public utilities<sup>7</sup></b>		132.8	11.4	5.6	4.8	5.9	10.8	5.4	4.6	5.4
Railroad transportation <sup>7</sup>	40	--	0.2	0.1	0.1	( <sup>8</sup> )	0.2	0.1	0.1	( <sup>8</sup> )
Trucking and warehousing	42	31.7	4.1	1.7	1.5	2.4	4.1	1.7	1.5	2.4
Trucking and courier services, except air	421	27.1	3.6	1.4	1.3	2.2	3.6	1.4	1.3	2.1
Water transportation	44	8.9	1.4	0.7	0.7	0.7	1.2	0.7	0.7	--
Transportation by air	45	26.4	2.4	1.5	1.2	0.9	2.3	1.4	1.2	0.8
Communications	48	31.5	1.1	0.4	0.4	0.6	0.9	0.4	0.3	0.5
Telephone communications	481	22.6	0.7	0.3	0.3	0.4	0.6	0.2	0.2	0.3
Electric, gas, and sanitary services	49	15.7	1.0	0.5	0.4	0.5	1.0	0.5	0.4	0.5
Electric services	491	2.9	0.3	0.2	0.1	0.1	0.3	0.2	0.1	0.1
Sanitary services	495	9.5	0.5	0.2	0.2	0.3	0.5	0.2	0.2	0.3
<b>Wholesale and retail trade</b>		621.7	41.9	15.3	11.5	26.5	40.3	14.7	10.9	25.7
Wholesale trade		149.2	12.6	6.2	4.4	6.4	12.1	5.9	4.2	6.1
Wholesale trade--durable goods	50	84.8	6.8	3.6	2.1	3.2	6.6	3.6	2.1	3.0
Motor vehicles, parts, and supplies	501	9.1	0.8	0.3	0.3	0.5	0.8	0.3	0.3	0.5

See footnotes at end of table.

**Table 7. Number of nonfatal occupational injuries and illnesses by industry and selected case types, 1999 -- Continued**

**Washington**

(In thousands)

Industry <sup>1</sup>	SIC code <sup>2</sup>	1999 Annual average employment <sup>3</sup> (000's)	Injuries and Illnesses				Injuries			
			Total cases	Lost workday cases		Cases without lost work-days	Total cases	Lost workday cases		Cases without lost work-days
				Total <sup>4</sup>	With days away from work <sup>5</sup>			Total <sup>4</sup>	With days away from work <sup>5</sup>	
Machinery, equipment, and supplies	508	18.3	1.5	0.6	0.4	0.9	1.5	0.6	0.4	0.9
Miscellaneous durable goods	509	6.2	0.6	0.3	0.3	0.3	0.6	0.3	0.3	0.3
Wholesale trade--nondurable goods	51	64.4	5.8	2.5	2.2	3.3	5.5	2.4	2.1	3.1
Groceries and related products	514	28.6	3.2	1.6	1.4	1.6	3.1	1.5	1.3	1.5
<b>Retail trade</b>		472.5	29.3	9.2	7.1	20.1	28.3	8.7	6.8	19.5
Building materials and garden supplies	52	21.9	1.8	0.7	0.5	1.1	1.8	0.7	0.5	1.1
Lumber and other building materials	521	13.5	1.3	0.6	0.4	0.7	1.3	0.6	0.4	0.7
General merchandise stores	53	49.3	3.9	1.8	1.2	2.1	3.7	1.7	1.1	2.0
Department stores	531	45.4	3.6	1.7	1.1	2.0	3.5	1.6	1.1	1.9
Food stores	54	69.5	5.1	1.5	1.0	3.6	4.7	1.3	0.9	3.4
Grocery stores	541	61.4	4.8	1.4	0.9	3.4	4.5	1.3	0.8	3.2
Automotive dealers and service stations	55	48.0	3.5	1.2	0.9	2.3	3.4	1.2	0.9	2.3
New and used car dealers	551	21.6	1.3	0.4	0.3	0.9	1.3	0.3	0.3	0.9
Auto and home supply stores	553	9.5	1.3	0.4	0.3	0.9	1.3	0.4	0.3	0.9
Gasoline service stations	554	11.3	0.6	0.3	0.2	0.4	0.6	0.3	0.2	0.4
Apparel and accessory stores	56	25.4	0.7	0.2	0.2	0.5	0.7	0.2	0.2	0.4
Furniture and homefurnishings stores	57	21.5	1.3	0.5	0.4	0.8	1.3	0.4	0.4	0.8
Eating and drinking places	58	176.0	11.0	2.7	2.5	8.3	10.7	2.6	2.4	8.1
Miscellaneous retail	59	60.9	2.1	0.6	0.4	1.5	2.0	0.6	0.3	1.4
<b>Finance, insurance, and real estate</b>		134.0	2.6	0.9	0.9	1.7	2.4	0.8	0.8	1.5
Real estate	65	33.6	1.5	0.5	0.4	1.0	1.4	0.5	0.4	1.0
<b>Services</b>		708.6	31.7	10.9	8.5	20.8	29.5	10.2	7.8	19.3
Hotels and other lodging places	70	28.2	2.4	0.9	0.7	1.5	2.3	0.8	0.6	1.5
Personal services	72	22.5	1.1	0.6	0.4	0.6	1.0	0.5	0.3	0.5
Business services	73	165.3	1.4	0.3	0.3	1.0	1.2	0.3	0.3	0.9
Auto repair, services, and parking	75	25.9	2.6	1.1	0.9	1.5	2.5	1.1	0.9	1.4
Automotive repair shops	753	15.2	1.6	0.6	0.6	0.9	1.5	0.6	0.6	0.9
Miscellaneous repair services	76	7.6	0.7	0.2	0.2	0.5	0.7	0.2	0.2	0.5
Amusement and recreation services	79	40.8	2.7	0.8	0.7	1.9	2.5	0.7	0.7	1.8
Health services	80	184.1	14.8	4.8	3.4	10.0	13.5	4.4	3.0	9.1
Nursing and personal care facilities	805	32.6	6.1	2.3	1.3	3.8	6.0	2.2	1.3	3.8
Hospitals	806	58.0	5.0	1.5	1.3	3.5	4.7	1.4	1.2	3.2
Educational services	82	22.7	0.4	0.1	0.1	0.2	0.4	0.1	0.1	0.2
Social services	83	59.0	3.3	1.3	1.1	1.9	3.2	1.3	1.1	1.8
Membership organizations	86	24.5	0.9	0.3	0.2	0.6	0.9	0.3	0.2	0.6
Engineering and management services	87	64.0	1.2	0.4	0.3	0.8	1.1	0.3	0.3	0.7
<b>State and local government</b>		382.7	23.9	9.7	8.6	14.2	22.2	9.3	8.2	13.0
<b>State government</b>		116.9	6.8	2.7	2.6	4.1	6.1	2.6	2.5	3.5
<b>Services</b>		70.4	4.0	1.8	1.8	2.2	3.6	1.8	1.7	1.9
Educational services	82	53.6	1.9	0.5	0.5	1.4	1.8	0.5	0.5	1.3

See footnotes at end of table.



**Table 7. Number of nonfatal occupational injuries and illnesses by industry and selected case types, 1999 -- Continued**

**Washington**

(In thousands)

Industry <sup>1</sup>	SIC code <sup>2</sup>	1999 Annual average employment <sup>3</sup> (000's)	Injuries and Illnesses				Injuries			
			Total cases	Lost workday cases		Cases without lost work-days	Total cases	Lost workday cases		Cases without lost work-days
				Total <sup>4</sup>	With days away from work <sup>5</sup>			Total <sup>4</sup>	With days away from work <sup>5</sup>	
<b>Public administration</b>		43.2	2.5	0.7	0.7	1.8	2.2	0.7	0.6	1.5
<b>Local government</b>		265.8	17.1	7.0	5.9	10.1	16.1	6.6	5.6	9.5
<b>Services</b>		161.8	7.3	2.7	2.4	4.7	7.0	2.5	2.3	4.4
Educational services	82	143.1	5.3	2.0	1.8	3.3	5.1	1.9	1.7	3.2
<b>Public administration</b>		77.8	6.4	2.6	2.3	3.8	5.8	2.4	2.1	3.4

<sup>1</sup> Totals include data for industries not shown separately.

<sup>2</sup> *Standard Industrial Classification Manual*, 1987 Edition.

<sup>3</sup> Employment is expressed as an annual average and is derived primarily from the BLS-State Covered Employment and Wages program.

<sup>4</sup> Total lost workday cases involve days away from work, or days of restricted work activity, or both.

<sup>5</sup> Days-away-from-work cases include those which result in days away from work with or without restricted work activity.

<sup>6</sup> Excludes farms with fewer than 11 employees.

<sup>7</sup> Data conforming to OSHA definitions for mining operators in coal, metal, and nonmetal mining and for employers in railroad transportation are provided to BLS by the Mine Safety and Health Administration, U.S. Department of Labor; and the Federal Railroad Administration, U.S. Department of Transportation. Independent

mining contractors are excluded from the coal, metal, and nonmetal mining industries.

<sup>8</sup> Fewer than 50 cases.

NOTE: Because of rounding, components may not add to totals.

n.e.c. = not elsewhere classified.

-- Indicates data not available.

SOURCE: Bureau of Labor Statistics, U.S. Department of Labor, Survey of Occupational Injuries and Illnesses, in cooperation with participating State agencies.

Table 8. Nonfatal occupational illness incidence rates by industry and category of illness, 1999

## Washington

Industry <sup>1</sup>	SIC code <sup>2</sup>	Incidence rates per 10,000 full-time workers <sup>3</sup>							
		Total cases	Skin diseases or disorders	Dust diseases of the lungs	Respiratory conditions due to toxic agents	Poisoning	Disorders due to physical agents	Disorders associated with repeated trauma	All other occupational illnesses
<b>All Industries including State and local government<sup>4</sup></b>		71.7	6.2	0.7	2.6	1.1	1.3	49.2	10.5
<b>Private Industry<sup>4</sup></b>		74.3	6.6	0.5	2.6	1.1	1.5	53.0	9.0
<b>Agriculture, forestry, and fishing<sup>4</sup></b>		75.3	9.4	4.1	2.4	1.9	--	--	18.2
Agricultural production <sup>4</sup>	01-02	39.2	13.9	6.8	2.0	( <sup>5</sup> )	--	11.9	0.6
Agricultural production-crops <sup>4</sup>	01	39.5	13.4	7.5	2.2	( <sup>5</sup> )	--	11.2	0.6
Agricultural production - livestock <sup>4</sup>	02	36.0	19.6	( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )	19.6	( <sup>5</sup> )
Agricultural services	07	150.7	3.6	( <sup>5</sup> )	3.6	3.6	( <sup>5</sup> )	--	53.0
<b>Mining<sup>6</sup></b>		43.3	( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )	39.7	3.6
<b>Construction</b>		48.4	4.1	0.5	2.6	0.5	4.0	28.9	8.0
General building contractors	15	53.7	8.3	( <sup>5</sup> )	( <sup>5</sup> )	1.0	( <sup>5</sup> )	35.8	8.3
Heavy construction, except building	16	33.2	( <sup>5</sup> )	2.3	( <sup>5</sup> )	1.7	( <sup>5</sup> )	28.6	--
Special trade contractors	17	50.1	3.3	0.3	4.3	( <sup>5</sup> )	6.6	26.0	9.6
<b>Manufacturing</b>		198.5	9.0	1.3	4.2	4.4	2.3	160.1	17.2
Durable goods		227.9	10.9	0.8	5.0	6.0	2.5	180.5	22.2
Lumber and wood products	24	94.6	2.8	4.3	0.9	2.1	( <sup>5</sup> )	63.0	21.7
Furniture and fixtures	25	39.7	4.7	( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )	30.3	4.7
Stone, clay, and glass products	32	31.2	( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )	31.2	( <sup>5</sup> )
Primary metal industries	33	71.5	1.6	( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )	9.6	35.3	25.7
Fabricated metal products	34	130.6	( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )	3.6	9.3	109.2	9.3
Industrial machinery and equipment	35	63.8	6.7	0.8	1.7	( <sup>5</sup> )	2.5	50.4	1.3
Electronic and other electric equipment	36	54.8	0.6	( <sup>5</sup> )	11.2	( <sup>5</sup> )	( <sup>5</sup> )	38.0	5.0
Transportation equipment	37	408.6	20.0	0.4	8.5	12.0	2.4	329.4	35.9
Instruments and related products	38	50.5	--	( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )	48.4	( <sup>5</sup> )
Miscellaneous manufacturing industries	39	100.6	15.5	( <sup>5</sup> )	1.3	( <sup>5</sup> )	3.9	58.0	19.3
Nondurable goods		123.3	4.2	2.4	2.2	0.2	1.9	107.9	4.5
Apparel and other textile products	23	60.9	14.1	14.1	( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )	32.8	( <sup>5</sup> )
Paper and allied products	26	108.8	2.5	4.3	1.9	1.2	5.6	87.2	6.2
Printing and publishing	27	72.9	2.0	( <sup>5</sup> )	4.9	( <sup>5</sup> )	1.0	61.6	3.4
Chemicals and allied products	28	82.3	( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )	82.3	( <sup>5</sup> )
Rubber and miscellaneous plastics products	30	39.6	( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )	39.6	( <sup>5</sup> )
<b>Transportation and public utilities<sup>6</sup></b>		58.1	3.6	0.4	4.1	0.2	0.2	33.5	--
Railroad transportation <sup>6</sup>	40	7.6	( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )	5.0	2.5
Trucking and warehousing	42	29.0	0.7	0.7	1.1	( <sup>5</sup> )	( <sup>5</sup> )	5.7	20.8
Water transportation	44	277.1	( <sup>5</sup> )	( <sup>5</sup> )	6.1	( <sup>5</sup> )	( <sup>5</sup> )	143.5	127.5
Transportation by air	45	63.0	9.9	( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )	--	42.7	9.9
Communications	48	56.4	( <sup>5</sup> )	0.7	13.3	0.7	( <sup>5</sup> )	39.8	2.4
Electric, gas, and sanitary services	49	36.9	2.0	( <sup>5</sup> )	1.4	( <sup>5</sup> )	( <sup>5</sup> )	30.7	2.7

See footnotes at end of table.

Table 8. Nonfatal occupational illness incidence rates by industry and category of illness, 1999 -- Continued

## Washington

Industry <sup>1</sup>	SIC code <sup>2</sup>	Incidence rates per 10,000 full-time workers <sup>3</sup>							
		Total cases	Skin diseases or disorders	Dust diseases of the lungs	Respiratory conditions due to toxic agents	Poisoning	Disorders due to physical agents	Disorders associated with repeated trauma	All other occupational illnesses
<b>Wholesale and retail trade</b>		32.3	6.3	( <sup>5</sup> )	0.9	0.1	0.4	24.2	0.4
Wholesale trade		36.6	4.6	( <sup>5</sup> )	2.4	0.3	1.3	27.0	1.0
Wholesale trade--durable goods	50	20.7	5.0	( <sup>5</sup> )	( <sup>5</sup> )	0.5	2.2	11.5	1.4
Wholesale trade--nondurable goods	51	59.3	3.9	( <sup>5</sup> )	5.9	( <sup>5</sup> )	( <sup>5</sup> )	49.2	0.4
Retail trade		30.6	--	( <sup>5</sup> )	0.4	( <sup>5</sup> )	( <sup>5</sup> )	23.0	0.2
Building materials and garden supplies	52	8.9	2.0	( <sup>5</sup> )	0.5	( <sup>5</sup> )	( <sup>5</sup> )	3.9	2.5
General merchandise stores	53	47.1	( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )	47.1	( <sup>5</sup> )
Food stores	54	74.3	3.0	( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )	71.3	( <sup>5</sup> )
Automotive dealers and service stations	55	9.5	6.5	( <sup>5</sup> )	0.5	( <sup>5</sup> )	( <sup>5</sup> )	2.6	( <sup>5</sup> )
Apparel and accessory stores	56	23.2	1.7	( <sup>5</sup> )	2.8	( <sup>5</sup> )	( <sup>5</sup> )	18.2	0.6
Furniture and homefurnishings stores	57	6.3	( <sup>5</sup> )	( <sup>5</sup> )	2.3	( <sup>5</sup> )	( <sup>5</sup> )	4.6	( <sup>5</sup> )
Eating and drinking places	58	--	--	( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )	--	( <sup>5</sup> )
Miscellaneous retail	59	20.9	( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )	20.9	( <sup>5</sup> )
<b>Finance, insurance, and real estate</b>		21.4	0.4	( <sup>5</sup> )	3.0	0.7	( <sup>5</sup> )	16.6	0.7
Real estate	65	10.8	2.0	( <sup>5</sup> )	6.4	( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )	2.0
<b>Services</b>		47.7	7.5	0.2	2.7	0.1	2.0	24.5	10.7
Hotels and other lodging places	70	37.5	8.8	( <sup>5</sup> )	4.4	1.5	( <sup>5</sup> )	19.0	4.4
Personal services	72	77.8	3.7	( <sup>5</sup> )	0.6	( <sup>5</sup> )	( <sup>5</sup> )	72.3	1.2
Business services	73	18.0	( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )	17.9	0.1
Auto repair, services, and parking	75	24.3	11.5	( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )	5.0	7.8
Miscellaneous repair services	76	13.0	( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )	13.0	( <sup>5</sup> )
Amusement and recreation services	79	72.1	28.0	( <sup>5</sup> )	0.8	0.8	3.3	23.9	15.7
Health services	80	95.4	13.4	0.3	7.7	( <sup>5</sup> )	6.0	38.5	29.7
Educational services	82	11.6	0.8	( <sup>5</sup> )	1.5	0.8	( <sup>5</sup> )	8.5	( <sup>5</sup> )
Social services	83	24.2	3.1	( <sup>5</sup> )	0.4	( <sup>5</sup> )	( <sup>5</sup> )	15.3	5.1
Membership organizations	86	26.8	5.9	1.3	3.3	( <sup>5</sup> )	1.3	12.4	3.3
Engineering and management services	87	21.7	5.0	( <sup>5</sup> )	0.3	( <sup>5</sup> )	0.2	15.2	0.9
<b>State and local government</b>		56.7	4.2	1.9	2.5	1.2	0.5	26.8	19.5
<b>State government</b>		64.4	4.5	0.1	2.6	0.7	0.4	26.5	29.5
<b>Services</b>		60.7	4.5	0.2	1.0	0.2	( <sup>5</sup> )	23.4	--
Educational services	82	30.4	2.1	( <sup>5</sup> )	1.4	0.2	( <sup>5</sup> )	24.1	2.6
<b>Public administration</b>		70.1	4.8	( <sup>5</sup> )	3.0	1.3	1.0	31.6	28.4

See footnotes at end of table.

**Table 8. Nonfatal occupational illness incidence rates by industry and category of illness, 1999 -- Continued**

**Washington**

Industry <sup>1</sup>	SIC code <sup>2</sup>	Incidence rates per 10,000 full-time workers <sup>3</sup>							
		Total cases	Skin diseases or disorders	Dust diseases of the lungs	Respiratory conditions due to toxic agents	Poisoning	Disorders due to physical agents	Disorders associated with repeated trauma	All other occupational illnesses
<b>Local government</b>		52.5	4.0	2.9	2.4	1.5	0.6	27.0	14.1
<b>Services</b>		37.1	0.9	4.7	3.9	0.4	0.4	22.2	4.4
Educational services	82	23.4	0.3	0.1	3.4	0.5	0.5	16.2	2.3
<b>Public administration</b>		78.7	8.6	0.8	0.6	3.5	0.9	34.4	29.9

<sup>1</sup> Totals include data for industries not shown separately.

<sup>2</sup> *Standard Industrial Classification Manual*, 1987 Edition.

<sup>3</sup> Incidence rates represent the number of illnesses per 10,000 full-time workers and were calculated as:  $(N/EH) \times 20,000,000$  where

N = number of illnesses

EH = total hours worked by all employees during the calendar year

20,000,000 = base for 10,000 equivalent full-time workers (working 40 hours per week, 50 weeks per year).

<sup>4</sup> Excludes farms with fewer than 11 employees.

<sup>5</sup> Incidence rate less than 0.05.

<sup>6</sup> Data conforming to OSHA definitions for mining operators in coal, metal, and nonmetal mining and for employers in railroad transportation are provided to BLS by the Mine Safety and Health Administration, U.S. Department of Labor; and the Federal Railroad Administration, U.S. Department of Transportation. Independent mining contractors are excluded from the coal, metal, and nonmetal mining industries.

NOTE: Because of rounding, components may not add to totals.

-- Indicates data not available.

SOURCE: Bureau of Labor Statistics, U.S. Department of Labor, Survey of Occupational Injuries and Illnesses, in cooperation with participating State agencies.

**Table 9. Number of new cases of nonfatal occupational illnesses by industry and category of illness, 1999**

Washington									
(In thousands)									
Industry <sup>1</sup>	SIC code <sup>2</sup>	Number of illnesses by category							
		Total cases	Skin diseases or disorders	Dust diseases of the lungs	Respiratory conditions due to toxic agents	Poisoning	Disorders due to physical agents	Disorders associated with repeated trauma	All other occupational illnesses
<b>All Industries including State and local government<sup>3</sup></b>		14.3	1.2	0.1	0.5	0.2	0.3	9.8	2.1
<b>Private Industry<sup>3</sup></b>		12.7	1.1	0.1	0.4	0.2	0.3	9.0	1.5
<b>Agriculture, forestry, and fishing<sup>3</sup></b>		0.4	0.1	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )	--	--	0.1
Agricultural production <sup>3</sup>	01-02	0.1	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )	--	( <sup>4</sup> )	( <sup>4</sup> )
Agricultural production-crops <sup>3</sup>	01	0.1	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )	--	( <sup>4</sup> )	( <sup>4</sup> )
Agricultural production - livestock <sup>3</sup>	02	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )
Agricultural services	07	0.3	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )	--	0.1
<b>Mining<sup>5</sup></b>		( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )
<b>Construction</b>		0.6	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )	0.3	0.1
General building contractors	15	0.2	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )	0.1	( <sup>4</sup> )
Heavy construction, except building	16	0.1	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )	0.1	--
Special trade contractors	17	0.4	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )	0.2	0.1
<b>Manufacturing</b>		6.9	0.3	( <sup>4</sup> )	0.1	0.2	0.1	5.6	0.6
Durable goods		5.7	0.3	( <sup>4</sup> )	0.1	0.2	0.1	4.5	0.6
Lumber and wood products	24	0.3	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )	0.2	0.1
Furniture and fixtures	25	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )
Stone, clay, and glass products	32	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )
Primary metal industries	33	0.1	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )
Fabricated metal products	34	0.2	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )	0.2	( <sup>4</sup> )
Industrial machinery and equipment	35	0.2	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )	0.1	( <sup>4</sup> )
Electronic and other electric equipment	36	0.1	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )	0.1	( <sup>4</sup> )
Transportation equipment	37	4.7	0.2	( <sup>4</sup> )	0.1	0.1	( <sup>4</sup> )	3.8	0.4
Instruments and related products	38	0.1	--	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )	0.1	( <sup>4</sup> )
Miscellaneous manufacturing industries	39	0.1	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )
Nondurable goods		1.2	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )	1.1	( <sup>4</sup> )
Apparel and other textile products	23	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )
Paper and allied products	26	0.2	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )	0.1	( <sup>4</sup> )
Printing and publishing	27	0.1	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )	0.1	( <sup>4</sup> )
Chemicals and allied products	28	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )
Rubber and miscellaneous plastics products	30	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )
<b>Transportation and public utilities<sup>5</sup></b>		0.7	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )	0.4	--
Railroad transportation <sup>5</sup>	40	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )
Trucking and warehousing	42	0.1	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )	0.1
Water transportation	44	0.2	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )	0.1	0.1
Transportation by air	45	0.1	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )	--	0.1	( <sup>4</sup> )
Communications	48	0.2	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )	0.1	( <sup>4</sup> )
Electric, gas, and sanitary services	49	0.1	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )

See footnotes at end of table.

Table 9. Number of new cases of nonfatal occupational illnesses by industry and category of illness, 1999 -- Continued

## Washington

(In thousands)

Industry <sup>1</sup>	SIC code <sup>2</sup>	Number of illnesses by category							
		Total cases	Skin diseases or disorders	Dust diseases of the lungs	Respiratory conditions due to toxic agents	Poisoning	Disorders due to physical agents	Disorders associated with repeated trauma	All other occupational illnesses
<b>Wholesale and retail trade</b>		1.5	0.3	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )	1.1	( <sup>4</sup> )
Wholesale trade		0.5	0.1	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )	0.4	( <sup>4</sup> )
Wholesale trade--durable goods	50	0.2	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )	0.1	( <sup>4</sup> )
Wholesale trade--nondurable goods	51	0.3	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )	0.3	( <sup>4</sup> )
Retail trade		1.0	--	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )	0.8	( <sup>4</sup> )
Building materials and garden supplies	52	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )
General merchandise stores	53	0.2	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )	0.2	( <sup>4</sup> )
Food stores	54	0.4	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )	0.4	( <sup>4</sup> )
Automotive dealers and service stations	55	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )
Apparel and accessory stores	56	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )
Furniture and homefurnishings stores	57	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )
Eating and drinking places	58	--	--	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )	--	( <sup>4</sup> )
Miscellaneous retail	59	0.1	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )	0.1	( <sup>4</sup> )
<b>Finance, insurance, and real estate</b>		0.2	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )	0.2	( <sup>4</sup> )
Real estate	65	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )
<b>Services</b>		2.3	0.4	( <sup>4</sup> )	0.1	( <sup>4</sup> )	0.1	1.2	0.5
Hotels and other lodging places	70	0.1	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )
Personal services	72	0.1	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )	0.1	( <sup>4</sup> )
Business services	73	0.2	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )	0.2	( <sup>4</sup> )
Auto repair, services, and parking	75	0.1	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )
Miscellaneous repair services	76	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )
Amusement and recreation services	79	0.2	0.1	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )	0.1	( <sup>4</sup> )
Health services	80	1.3	0.2	( <sup>4</sup> )	0.1	( <sup>4</sup> )	0.1	0.5	0.4
Educational services	82	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )
Social services	83	0.1	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )	0.1	( <sup>4</sup> )
Membership organizations	86	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )
Engineering and management services	87	0.1	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )	0.1	( <sup>4</sup> )
<b>State and local government</b>		1.6	0.1	0.1	0.1	( <sup>4</sup> )	( <sup>4</sup> )	0.8	0.6
<b>State government</b>		0.7	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )	0.3	0.3
<b>Services</b>		0.4	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )	0.1	--
Educational services	82	0.1	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )	0.1	( <sup>4</sup> )
<b>Public administration</b>		0.3	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )	0.1	0.1

See footnotes at end of table.

**Table 9. Number of new cases of nonfatal occupational illnesses by industry and category of illness, 1999 -- Continued**

**Washington**

(In thousands)

Industry <sup>1</sup>	SIC code <sup>2</sup>	Number of illnesses by category							
		Total cases	Skin diseases or disorders	Dust diseases of the lungs	Respiratory conditions due to toxic agents	Poisoning	Disorders due to physical agents	Disorders associated with repeated trauma	All other occupational illnesses
<b>Local government</b>		1.0	0.1	0.1	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )	0.5	0.3
<b>Services</b>		0.4	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )	0.2	( <sup>4</sup> )
Educational services	82	0.2	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )	0.1	( <sup>4</sup> )
<b>Public administration</b>		0.5	0.1	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )	0.2	0.2

<sup>1</sup> Totals include data for industries not shown separately.

<sup>2</sup> *Standard Industrial Classification Manual*, 1987 Edition.

<sup>3</sup> Excludes farms with fewer than 11 employees.

<sup>4</sup> Fewer than 50 cases.

<sup>5</sup> Data conforming to OSHA definitions for mining operators in coal, metal, and nonmetal mining and for employers in railroad transportation are provided to BLS by the Mine Safety and Health Administration, U.S. Department of Labor; and the Federal Railroad Administration, U.S. Department of Transportation. Independent

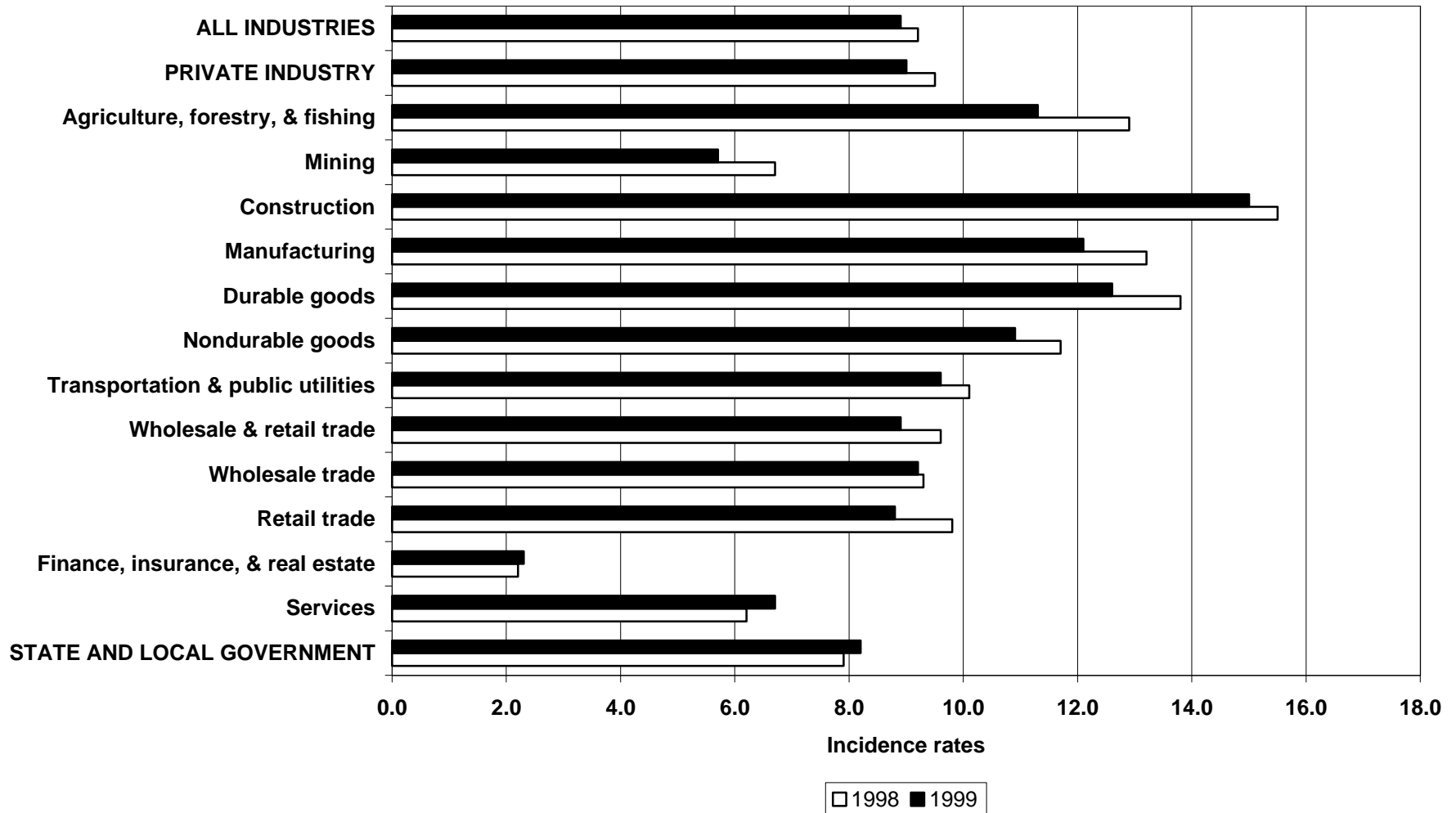
mining contractors are excluded from the coal, metal, and nonmetal mining industries.

NOTE: Because of rounding, components may not add to totals.

-- Indicates data not available.

SOURCE: Bureau of Labor Statistics, U.S. Department of Labor, Survey of Occupational Injuries and Illnesses, in cooperation with participating State agencies.

**Incidence rates per 100 full-time workers for  
total nonfatal occupational injuries and illnesses by industry division,  
Washington, 1998 & 1999**



SOURCE: Bureau of Labor Statistics, U.S. Department of Labor, Survey of Occupational Injuries and Illnesses in cooperation with participating State agencies.